AUTODOC CLUB

How to change rear shock absorbers on the **FORD TRANSIT Bus** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

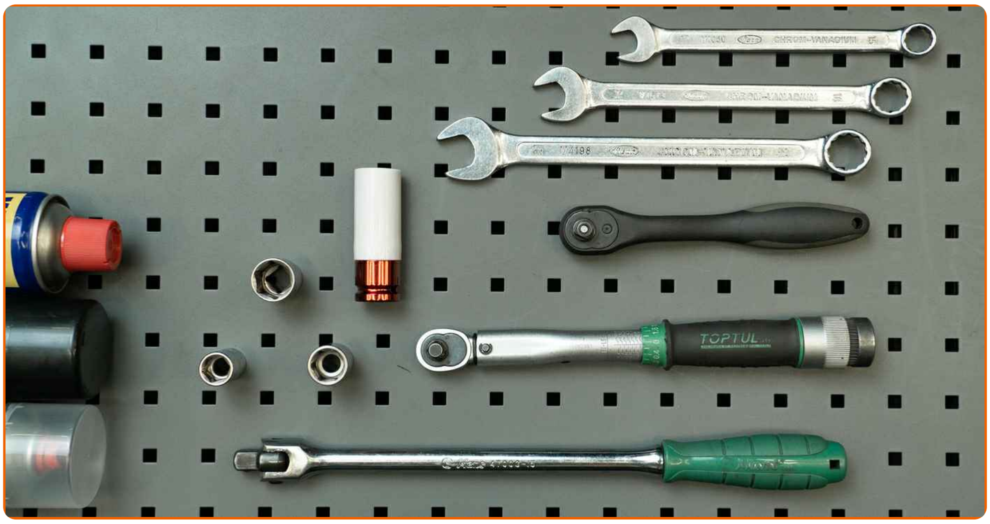
Important!

This replacement procedure can be used for:
FORD TRANSIT Bus 2.2 TDCi

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: FORD TRANSIT MK-7 Box 2.2 TDCi FORD TRANSIT MK-7 Box 2.2 TDCi FORD TRANSIT MK-7 Box 2.2 TDCi

REPLACEMENT: SHOCK ABSORBERS – FORD TRANSIT BUS. TOOLS YOU MIGHT NEED:



- A wire brush
- WD-40 spray
- An all-purpose cleaning spray
- Ceramic grease
- A torque wrench
- A 15 mm combination spanner
- An 18 mm combination spanner
- A 21 mm combination spanner
- A 15 mm socket
- An 18 mm socket
- A 21 mm socket
- A 21 mm wheel impact socket
- A ratchet wrench
- A tommy bar
- A transmission jack
- Wheel chocks

Buy tools

Replacement: shock absorbers – FORD TRANSIT Bus. AUTODOC recommends:

- Replace shock absorbers in pairs on an axle.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- All the work should be carried out with the engine switched off.

REPLACEMENT: SHOCK ABSORBERS – FORD TRANSIT BUS. RECOMMENDED SEQUENCE OF STEPS:

1 If you are going to use a jack, secure the wheels with chocks.

2 Loosen the wheel nuts. Use a 21 mm wheel impact socket. Use a tommy bar.



3 Raise the car.

Warning!

- If you are using a jack, make sure the car is parked on a hard, flat surface.
- Make sure to additionally secure the car with jack stands.

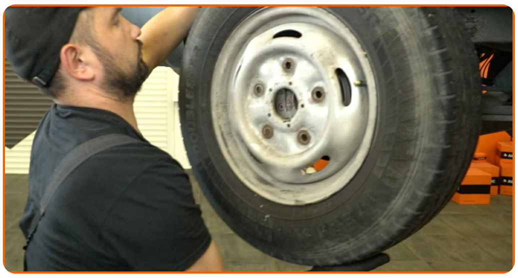
4 Unscrew the wheel nuts.



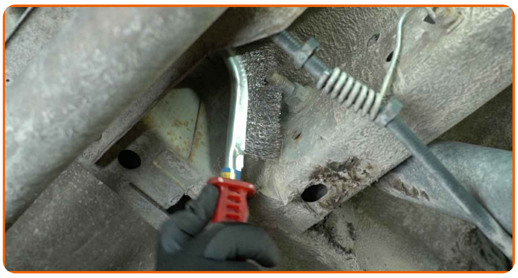
Caution!

- To avoid injury, hold up the wheel when unscrewing the nuts.

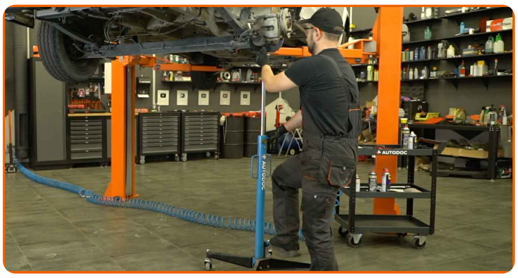
5 Remove the wheel.



6 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



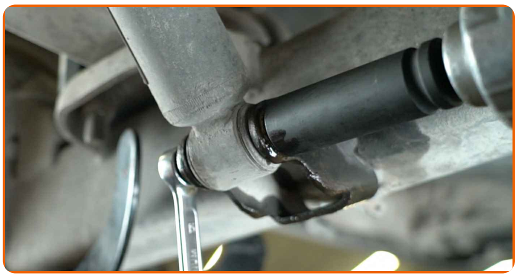
7 Prop up the rear axle beam. If the car has been raised on a lift, use a hydraulic transmission jack.



8 Unscrew the upper fastener of the shock absorber. Use a 21 mm combination spanner. Use an 18 mm socket. Use a ratchet wrench.



9 Unscrew the lower fastener of the shock absorber. Use an 18 mm combination spanner. Use a 15 mm socket. Use a ratchet wrench.



10 Remove the fastening bolts.



11 Remove the shock absorber.



12 Clean the shock absorber mounting seats. Use a wire brush. Use an all-purpose cleaning spray.



13 Place the new shock absorber under the wheel arch.



AUTODOC recommendation:

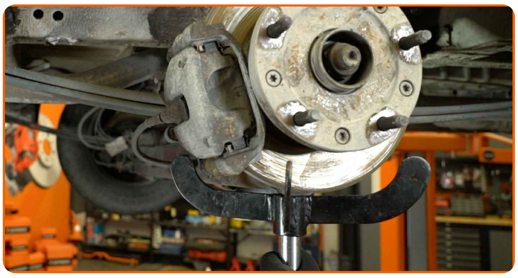
- Before installing a new shock absorber, you should prime it by pumping it 3–5 times by hand.

14 Install the fastening bolts.



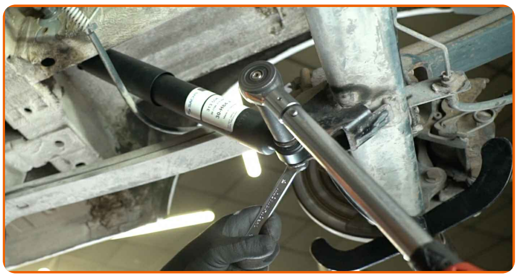
15

To tighten the fasteners correctly, you have to jack up the suspension to load it. If the car has been raised on a lift, use a transmission jack.



16

Tighten the lower fastener of the shock absorber. Use a 15 mm combination spanner. Use an 18 mm socket. Use a torque wrench. Tightening torque: 80 N·m.



17

Tighten the top fastener of the shock absorber. Use an 18 mm combination spanner. Use a 21 mm socket. Use a torque wrench. Tightening torque: 180 N·m.



18

Remove the support from under the axle beam.



19 Clean the wheel rim mounting seat. Use a wire brush. Use an all-purpose cleaning spray.



20 Treat the wheel hub surface that contacts the wheel rim. Use ceramic grease.



21 Install the wheel.



Caution!

- To avoid injury, hold up the wheel when screwing on the fastening nuts.

22

Screw on the wheel nuts. Use a 21 mm wheel impact socket. Use a ratchet wrench.



23

Lower the car and tighten the wheel nuts in a criss-cross order. Use a 21 mm wheel impact socket. Use a torque wrench. Tightening torque: 200 N·m.



24

Remove the jack and wheel chocks.



WELL DONE!

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